

Cox 1999-0767A

IN THE CLAIMS:**1. *cancelled***

2. *(currently amended)* A method of generating speech coding parameters of an erased frame in a bitstream-based front end of a speech recognition system, the method comprising the steps of:

detecting an erased frame;

measuring the Euclidean distance between the line spectrum pairs (LSPs) of adjacent frames (n-1) and n;

defining a steady-state threshold T associated with an acceptable difference between the LSPs of the adjacent frames;

deleting the LSPs of the nth frame in an observation sequence of if the measured distance is less than or equal to T; and

generating the speech coding parameters with a standard hidden Markov model process.

3. *cancelled*

4. *(previously presented)* The method as defined in claim 2 wherein in detecting a frame erasure, an erasure is declared when the bits most sensitive to error within a frame are determined to be in error.

5. *(original)* The method as defined in claim 4 wherein the bits most sensitive to error in a frame in a bitstream-based speech recognition system include the line spectrum pair information bits and the gain information bits.